

1) The first two steps are to be taken by the user. The user must first select the type of analysis to be performed (e.g., "Analysis of Variance", "Regression", etc.). The user must then select the dependent variable (e.g., "Y", "Z", etc.).

**CLAIMS**

1. In a data processing system having a user terminal operated by a user which  
builds a service for accessing a data base management system responsively  
coupled to said user terminal via a publically accessible digital data  
communication network , the improvement comprising:

a data wizard which permits said user to specify said service as a plurality of  
discreet and independent steps.

2. The improvement according to claim 1 wherein said publically accessible digital  
data communication network further comprises the Internet.

3. The improvement according to claim 2 wherein said user terminal further  
comprises an industry compatible personal computer having a commercially  
available browser.

4. The improvement according to claim 3 wherein said data wizard permits said  
user to define and edit each step in said plurality of steps independently of each of  
the other steps in said plurality of steps.

1 5. The improvement according to claim 4 wherein said data base management  
2 system is Classic MAPPER.

1 6. An apparatus comprising:

2 a. a user terminal;

3 b. a data base management system responsively coupled to said user  
4 terminal via a publically accessible digital data communication network;  
5 and

6 c. a data wizard responsively coupled to said user terminal and said data  
7 base management system which permits a service to be defined from said  
8 user terminal in accordance with a plurality of discreet and independent  
9 steps.

1 7. The apparatus of claim 6 wherein said publically accessible digital data  
2 communication network further comprises the Internet.

1 8. The apparatus of claim 7 wherein said data wizard one of said plurality of  
2 steps to be edited independently of each other of said plurality of steps.

1 9. The apparatus of claim 8 wherein said user terminal further comprises an  
2 industry compatible personal computer containing a web browser.

1 10. The apparatus of claim 9 wherein said data base management system further  
2 comprises the MAPPER data base management system.

1 11. A method of dynamically building a service from a user terminal coupled via a  
2 publically accessible digital data network to a remote data base management  
3 system having a component building process comprising:

- 4 a. identifying a first discreet and independent step; and  
5 b. identifying a second discreet and independent step ordered  
6 subsequently to said first discreet and independent step.

1 12. A method according to claim 11 further comprising editing said first discreet  
2 and independent step without modification to said second discreet and  
3 independent step.

1 13. A method according to claim 12 wherein said publically accessible digital data  
2 communication network further comprises the world wide web.

1 14. A method according to claim 13 wherein said user terminal further comprises  
2 an industry compatible personal computer.

1 15. A method according to claim 14 wherein said remote data base management  
2 system further comprises MAPPER data base management system.

1 16. An apparatus comprising:

2 a. means for permitting a user to access a publically accessible digital data  
3 communication network;

4 b. means responsively coupled to said permitting means via said publically  
5 accessible digital data communication network for providing data base  
6 management services; and

7 c. means responsively coupled to said permitting means and said responding  
8 means for designing a service through specification of an ordered plurality of  
9 discreet and independent steps.

1 17. An apparatus according to claim 16 wherein said designing means further  
2 comprises a means for editing at least one of said plurality of discreet and  
3 independent steps.

1 18. An apparatus according to claim 17 wherein said publically accessible digital  
2 data communication network further comprises the Internet.

1 19. An apparatus according to claim 18 wherein said responding means further  
2 comprises MAPPER data base management system.

1 20. An apparatus according to claim 19 wherein said permitting means further  
2 comprises an industry standard personal computer.